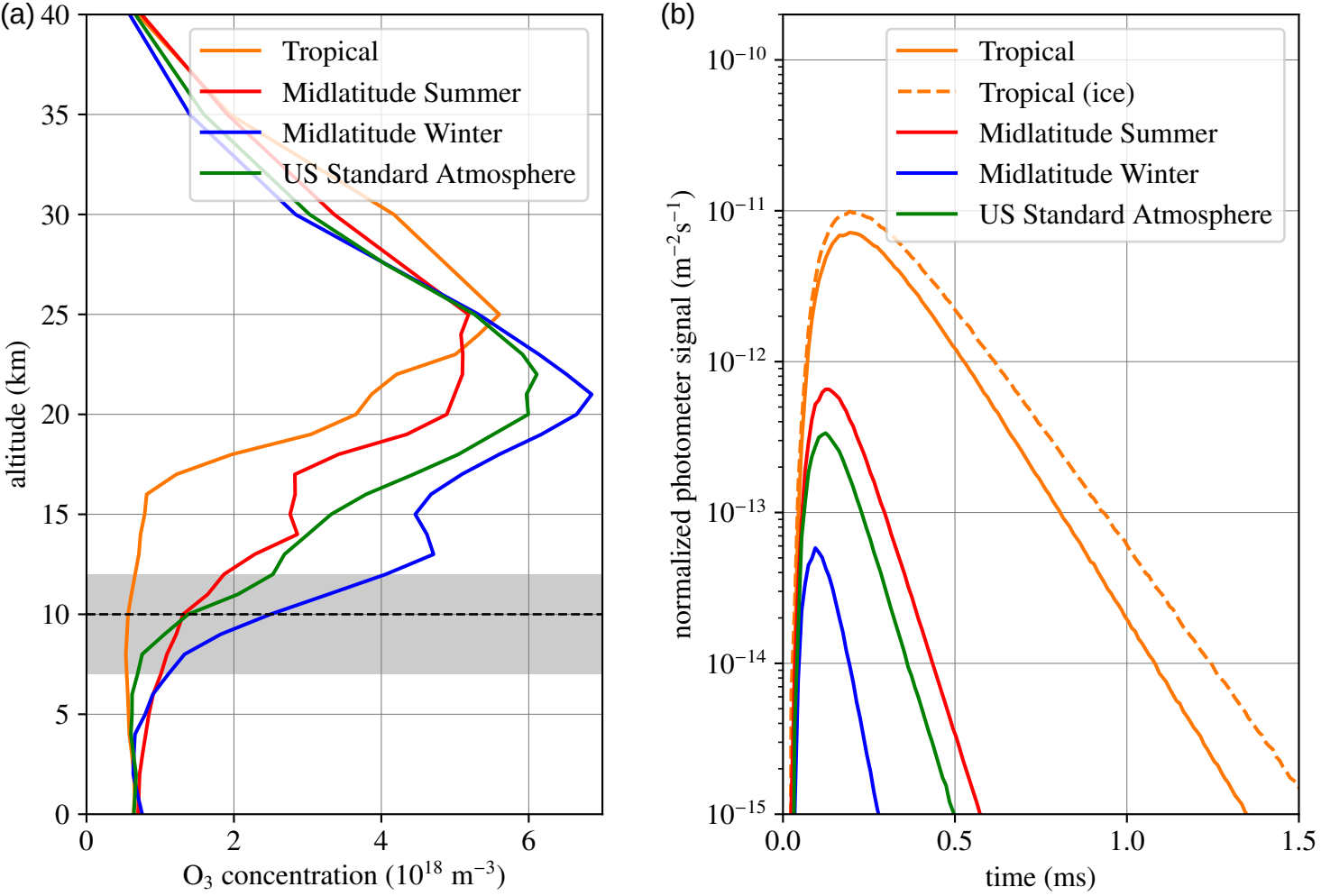
(a)
Tropical
Midlatitude Summer
Midlatitude Winter
US Standard Atmosphere
altitude (km)
0
5
10
15
20
25
30
35
40
0
2
4
6
O3 concentration (10^18 m^-3)
(b)
Tropical
Tropical (ice)
Midlatitude Summer
Midlatitude Winter
US Standard Atmosphere
normalized photometer signal (m^-2 s^-1)
10^-10
10^-11
10^-12
10^-13
10^-14
10^-15
0.0
0.5
1.0
1.5
time (ms)